CLAIMS

Please cancel Claim 16 and amend the claims as follows:

1. (Currently Amended) A diagnostic system, comprising:

a sensing device having a retrieval wire configured to extend from an interior of a body part, said sensing device configured to collect data;

a deployable housing, said housing having a body defining an interior and an exterior, said housing is configured to allow fluid to flow through said housing, wherein said ~~housing completely encloses said~~ sensing device is disposed in said interior of said housing;

a disposer for disposing said housing ~~enclosing~~ having said sensing device into ~~a~~ said body part, wherein said deployable housing expands when disposed into said body part to prevent ejection of said sensing device from said body part; and

a processing device configured to remotely receive said data from said sensing device.

2. (Original) The diagnostic system of Claim 1, wherein said sensing device is selected from the group consisting of pressure sensing devices, thermal sensing devices, conductive sensing devices, capacitive sensing devices, inductive sensing devices, resistive sensing devices, and optical pressure sensing devices.

3. (Original) The diagnostic system of Claim 1, wherein said processing device comprises an RF transceiver that is a passive transceiver.

4. (Original) The diagnostic system of Claim 1, wherein said retrieval wire is configured to operate as an antenna.

5. (Original) The diagnostic system of Claim 1, wherein said housing comprises a material selected from the group consisting of a polymer, polytetrafluoroethylene, non-dissolvable biocompatible materials, polyurethane, polyethylene, latex, titanium, copper, gold, surgical steel, polytetrafluoroethylene-coated metal, natural collagen, plain gut, polyglactin 910, polydioxanone, collagen, polyglyconate, and polyglycolic acid.

6. (Original) The diagnostic system of Claim 1, wherein said disposer is a catheter mechanism comprising a sheath and push bar.

7. (Original) The diagnostic system of Claim 1, wherein said data is transmitted by radio frequency.

8. (Currently Amended) The diagnostic system of Claim 1, wherein said sensing device is accessible for retrieval from an exterior of a body using said retrieval wire.

9. (Original) The diagnostic system of Claim 1, further comprising:

a urine sensing device disposed proximate said retrieval wire.

10. (Original) The diagnostic system of Claim 1, wherein said processing device is configured to transmit the data.

11. (Currently Amended) A method for disposing and using a sensing device ~~disposed~~ in a body part having an interior, the method comprising:

disposing the sensing device having a retrieval wire into a deployable housing, said housing having a body defining an interior and an exterior, said housing configured to allow fluid to flow through said housing to the sensing device, wherein ~~said housing completely encloses~~ the sensing device is disposed in said interior of said housing;

compressing said housing enclosing the sensing device into an interior of a first sheath;

disposing a push bar into said interior of said first sheath proximate said housing;

inserting said first sheath into the body part of a body;

operating said push bar to dispose said housing enclosing the sensing device into the interior of the body part;

removing said first sheath from the body part with said retrieval wire exiting the interior of the body part;

collecting data using the sensing device;

transmitting data from the sensing device to a remote processing device;

locating said retrieval wire of the sensing device;

inserting said retrieval wire of the sensing device through an interior of a second sheath;

disposing said second sheath into the interior of the body part, said second sheath configured to receive said housing enclosing the sensing device;

retracting said housing and the sensing device into said interior of said second sheath using said retrieval wire; and

removing said second sheath from the body part.

12. (Original) The method of Claim 11, wherein said sensing device is selected from the group consisting of pressure sensing devices, thermal sensing devices, conductive sensing devices, capacitive sensing devices, inductive sensing devices, resistive sensing devices, and optical pressure sensing devices.

13. (Original) The method of Claim 11, wherein said processing device comprises an RF transceiver that is a passive transceiver.

14. (Original) The method of Claim 11, wherein said retrieval wire is configured to operate as an antenna.

15. (Original) The method of Claim 11, wherein said housing comprises a material selected from the group consisting of a polymer, polytetrafluoroethylene, non-dissolvable biocompatible materials, polyurethane, polyethylene, latex, titanium, copper, gold, surgical steel, polytetrafluoroethylene-coated metal, natural collagen, plain gut, polyglactin 910, polydioxanone, collagen, polyglyconate, and polyglycolic acid.

16. (Cancel) The method of Claim 11, wherein said disposer is a catheter mechanism comprising a sheath and push bar.

17. (Original) The method of Claim 11, wherein said data is transmitted by radio frequency.

18. (Original) The method of Claim 11, wherein said sensing device is accessible for retrieval from an exterior of a body.

19. (Currently Amended) The method of Claim 11, further comprising:

disposing a urine sensing device ~~disposed~~ proximate said retrieval wire.

20. (Currently Amended) A diagnostic system, comprising:

a sensing device having a retrieval wire configured to extend from an interior of a body part, said sensing device configured to collect data;

a deployable housing, said housing having a body defining an interior and an exterior, said housing is configured to allow fluid to flow through said housing, wherein said ~~housing completely encloses said~~ sensing device is disposed in said interior of said housing; and

a disposer for disposing said housing enclosing said sensing device into ~~a~~ said body part.

21. (Currently Amended) The diagnostic system of Claim ~~19~~ 20, further comprising:

a processing device configured to remotely receive said data from said sensing device, said processing device configured to transmit said data.